



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		RR INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Dr Srinivas G Bhat
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		080-28391553
Mobile no.		7899743333
Registered Email		rrit@rrinstitutions.com
Alternate Email		rritoffice@rrinstitutions.com
Address		Raja Reddy Layout, Near Chikkbanavara Railway Station, Chikkabanavara Bangalore, Karnataka
City/Town		BANGALORE
State/UT		Karnataka
Pincode		560090

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. G Parimala Gandhi
Phone no/Alternate Phone no.	08028391554
Mobile no.	9845683087
Registered Email	naac@rrinstitutions.com
Alternate Email	iqacrrit@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.rrit.ac.in/images/pdf/ssr%20report.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://rrit.ac.in/events/calendar-of-events-2019-2020/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.51	2018	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC	10-Mar-2016
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Training on CO-PO Mapping	17-Jun-2019	45

and attainment	2	
International Conference on Recent Innovations in Engineering and Management	10-May-2019 2	60
FDP on Probability Theory and its Applications	24-Apr-2019 1	33
FDP on Material Science And Technology	22-Apr-2019 2	27
Usage of ICT Tools and Form Preparation	25-Mar-2019 2	50
FDP on Strategy development plan	13-Mar-2019 1	46
FDP on CO-PO Mapping for Effective Implementation of Outcome based education	18-Jan-2019 1	61
FDP on Professional Ethics and Human Values	14-Aug-2018 1	84
Introduction to Latex Software	31-Jul-2018 1	36
FDP on MS Office Word & Excel	30-Jul-2018 1	56
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	DSTNIMAT	Department of Science and Technology	2018 3	16000
Institution	42nd Student Project Programme Scheme	42nd Student Project Programme Scheme	2018 365	25000
Institution	Innovative Projects	Visveeraraya Technological University	2019 365	60000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Internal Academic Administrative Audit Conducted in Every Semester .
 2. Conducted FDP on COPO Mapping for Effective Implementation of Outcome based education
 3. Conducted FDP on Strategy Development Plan
 4. Initiated NBA Process for NBA Accreditation
 5. Implemented Google Sheet for collection of Feedback on Faculty by Students and Exit Survey on Campus Life from final year students
 6. Organized International Conference at college on May 10th and 11th

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
College Magazine & Department News letter	Released College Magazine & Newsletter
Student info dairy for 2018-19	Released on Graduation day
Rubrics for Project evaluation sheet	Implemented Project Evaluation sheet
Initiated paper less feedback through Google sheet for Feedback on faculty by students & Exit survey on Campus life from students	To reduce the paper usage ,Google forms were implemented successfully for collecting Feedback from students
FDP on strategy Development plan	Conducted & Departments have prepared Strategy Plan
Conduction of Certificate programme	At department level certificate programmes were conducted
International conference	Organized International Conference on Recent Innovations in Engineering and Management on May 10th and 11th May 2019
Modified Lesson plan format	Modified & implemented in the Academic Year
FDP on COPO Mapping for Effective Implementation of Outcome based education	Activity conducted
Release of college News letters Vol 3 Issue 1 2	Newsletters published

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Governing Council

09-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

05-Oct-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

05-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

1. Admission - Institute IMS admission modules helps in admission process of all UG and PG students of the institute. Students are required to complete the admission formality by filling up online admission forms writing all the academic and other information on this forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms . 2. Administration - The day to day data related to attendance of regular faculty is part of this module which also helps in monthly salary payment of all employee of the institute. 3. Academic Activities - The information related to the students roll numbers their course details and their other information is maintained in this module. 4. Attendance - Institute have a student attendance module which helps in recording attendance of all lectures and practical classes conducted for each course in programme wise. This module automatically computes the list of student who does not qualify minimum

attendance requirement of the institute as per university norms. 5. Accounts and Finance - Institutes accounts and finance and all its functions is maintained using accounts and finance modules. 6. Library - Library Modules is used to maintain the catalogue of a library. This module helps to keep the record of books , journals, ejournals , magazine etc.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

1. The Institution follows the curriculum prescribed by the Visvesvaraya Technological University(affiliating university) and develops a mechanism for its effective implementation. 2. At the beginning of every academic semester, A College calendar of events is prepared in accordance with the University calendar of events. 3. Each individual department prepares a detailed calendar of events, listing all the activities planned aligning with the college calendar of events, and is circulated among all the stake holders. 4. Subject allotment will be done by the respective HOD based on their preferences, subject expertise and experience. 5. The time table(individual & class) will be prepared by the time table coordinator of each department and displayed after the approval of the concerned HOD and the Principal. 6. Course files for the subject allotted will be prepared by the respective faculty. Course file consists of calendar of events(University, College & Department), lesson plan, syllabus, question bank, assignment questions, previous university question papers, notes, IA question paper with scheme and students list. It will be periodically verified by the HOD. 7. Lab manuals are prepared for every laboratory course before commencement of every semester. 8. For effective curriculum delivery and adaptation to innovative teaching methods, the class rooms and labs are equipped with ICT tools and Digital resources are effectively used for curriculum delivery. The Digital library is effectively used by faculty and students for up gradation of Technical knowledge and for project and seminar preparation. 9. Periodical assessments (theory & labs) are conducted to evaluate the performance of each student. 10. Effective proctoring system-each student is allocated a proctor to monitor and guide them in their academic performance. The parents are regularly communicated regarding their wards performance. 11. EDUSAT facility is provided for effectively utilizing e-shikashana(University online classes) and NPTEL videos. 12. In order to get a real time exposure to the industries and to understand their requirements, students are encouraged to visit industries and take up mini projects/ internship / projects as part of their course assignments. 13. The academic review meetings are conducted every month and before each internal test to review syllabus completion, student's attendance status and performance. 14. Based on the student's performance in the internals, slow/weak learners are identified and remedial classes are conducted to help them perform better in their tests and exams. 15. Each department organises workshop/seminar / Guest lecture to train/expose students to the contents beyond curriculum. 16. Add-on to remedial classes one extra class hour is allocated to discuss numerical problems and revision of topics covered.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Certificate Program on Hands on Training on Solidworks.	-	11/02/2019	5	Focus on employability	Skill Development on Solid works
Certificate Program on Computer Communication Networks Application	-	27/02/2019	5	Focus on employability	Exposure to Computer Networking
Certificate Program on Student Talent Enhancement Program	-	05/03/2019	5	Focus on employability	Skill Development
Certificate Program on "Intensive Interactive Practice Workshop on I.C. Engines	-	20/03/2019	5	Focus on employability	Skill Development on IC Engines
Certificate Program on Web Application Development by using HTML,CSS and PHP Scripting Language.	-	06/05/2019	5	Focus on employability	Skill Development on Web Application
Skill Development on Energy Storage Certificate Program on Building Information Modelling	-	18/09/2018	5	Focus on employability	Skill Development on Building Information
Certificate Program on Renewable Energy Electric Vehicle and Energy Storage	-	24/09/2018	5	Focus on employability	Skill Development on Energy Storage

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	ECE, EEE, CSE, CV, ISE, ME	01/08/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	ECE, EEE, CSE, CV, ISE, ME	06/08/2018
BE	ECE, EEE, CSE, CV, ISE, ME	01/02/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	608	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Seminar	23/08/2018	697
Workshop	30/08/2018	476
Technical Talk	23/10/2018	354
Guest Lecture	29/10/2018	259
Student Development Programme	13/02/2019	477
Certificate Course	18/09/2018	608
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	ME	56
BE	ECE	27
BE	CV	79
BE	EEE	5
BE	CSE	56
BE	ISE	19
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	No
Teachers	Yes
Employers	No

Alumni	No
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The university sends circular or request for feedback on syllabus set for the change in scheme. The head of the institution collects the opinion from the head of the departments and communicates the feedback received from faculty. For this process all faculty members have actively participated in the discussion/feedback process involved in framing/reframing of new syllabus/schemes by the affiliated University. As a part of continuous improvement the Institute regularly collects feedback on Teaching learning process , infrastructure related feedback from all the stake holders, analyzes and corrective measures are initiated if the need arises. The Institution uses google forms as mechanism to collect all type of feedbacks. 1. Feedback on course instructor (Teacher) is taken at the end of every semester and analyzed. Any faculty with less than 75 feedback is counselled by the HOD Principal to improve his/her performance. 2. Feedback from Parents, Alumni and Employers on the infrastructure and teaching quality are collected regularly and suggestions provided by them are periodically implemented. 3. Exit Feedback is taken from final year students and happiness index is calculated based on the response given. 4. Feedback on the Management, Principal and HOD by the faculty is collected every year and remedial measures are initiated.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Mechanical Engineering	120	96	33
BE	Information Science Engineering	60	89	40
BE	Electrical and Electronics Engineering	60	33	10
BE	Electronics and Communication Engineering	60	50	18
BE	Computer Science Engineering	60	112	62
BE	Civil Engineering	120	102	46

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2018	995	0	101	0	101

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
101	101	34	34	0	3

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

YES, The Students mentoring System is adopted in the institution. The main aims of this system are: 1. To provide continuous support and to monitor the personal, professional and academic growth of each student, the mentoring system is adopted in the institute. 2. The system bridges the gap between the Teachers and Students. Also the students can approach the teachers for both educational and personal guidance. 3. A group of students are allocated to each faculty, who will be the proctor /mentor/councillor/guide for that group of students till they complete the course. The proctor will be from the same department for which the student has taken admission. 4. The mentor closely monitors the attendance progress, tests marks, results of the university examination, his behaviour and attitude in the class room and with friends and his associations and advises the students as and when the need arises. 5. All the academic progress of each student is sent to their parents twice in a semester. In the needy cases like where the students are very irregular/scored less marks in tests/behavioural problems, their parents are called to the institution and the students are counselled in front of the parents. 6. At the beginning of the first semester itself, each student and their parents will know the details of their proctor. 7. The proctor will maintain proctor book for each student till the completions of the courses for the next eight semesters, and the academic and other details being recorded and same will be submitted to chief proctor/principal as and when required. 8. The Students are counselled on regular basis or on a need basis by the proctor and in case of students need extra counselling, the information will be passed on to Chief Proctor/HOD for further necessary actions. 9. Parent Teacher Meeting is conducted once in each semester, wherein the parents will interact with Faculty and HODs regarding their wards performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
995	101	1:9.85

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
96	101	0	0	14

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof Bhoje Gowda V T	Assistant Professor	IAENG- International

			Association of Engineers
2019	Prof. Saravanan S	Professor	Best Teacher National Award
2019	Prof. Swetha K	Assistant Professor	BEST TEACHER AWARD INSTITUTE OF SCHOLARS
2018	Prof Shruthi S	Assistant Professor	IAENG- International Association of Engineers, SDIWC- Society of Digital Information and Wireless Communications
2018	Prof Jyothi R	Assistant Professor	IAENG- International Association of Engineers, SDIWC- Society of Digital Information and Wireless Communications
2018	Prof Manjunath R	Professor	SDIWC- Society of Digital Information and Wireless Communications
2018	Prof Sumanth V	Assistant Professor	IAENG- International Association of Engineers
2019	Prof Prema C	Assistant Professor	IAENG- International Association of Engineers
2018	Prof Saravanan	Professor	SDIWC- Society of Digital Information and Wireless Communications
2019	Prof Mohan Kumar B N	Assistant Professor	KSCST Project- Karnataka State Council for Science and Technology
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

BE	EC,EE,CS,CV,IS, ME	Even Sem / 2019	23/05/2019	13/07/2019
BE	EC,EE,CS,CV,IS, ME	ODD Sem /2018	01/12/2018	23/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

1. As per the regulation of university the college conducts three internal test for each semester and conducts quiz or assignment or viva/seminar as a part of continuous internal evaluation. 2. All the departments conducts three internal assessment tests covering one third of syllabus for each test for all the semesters and the duration of each test is for 90 minutes and the maximum marks is 40. This will be scaled down to 15 marks for 3rd and 4th year students and for 1st and 2nd year it will be scaled down to 30 marks. 3. The students have to take up quiz/ case studies /viva/mini project/seminar and submit the assignment for each subject and will be evaluated as per the scheme prescribed by the university. Marks allocation for above is 5 marks for 2015 scheme / 10 marks for 2017 2018 scheme students. 4. The Scheme of Evaluation will be prepared by the respective faculty handling the subject and evaluates the test accordingly and also the faculty discusses the same in the class to enable the students to prepare for good performance in the final exam. 5 The final internal marks for 2017 and 2018 scheme is computed by summing the average score of three internal test plus assignment/quiz marks and total Internal mark is computed for 40. For 2015 scheme the final Internal mark is computed by taking average of best two test plus assignment/quiz marks and total internal mark is computed for 20. 6. The university prescribes two laboratory subjects per semester and each laboratory is conducted 3 hours per week. The students will conduct the experiments or execute the programs and maintains the observation book, record book and the same will be regularly evaluated and recorded by the faculty handling the laboratory course. 7. Viva Questions/ Quiz are conducted for each lab courses to evaluate the understanding level of students. 8. The practical internal tests are conducted and internal marks are awarded to each student by summing the record marks, viva/ quiz and internal test mark.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

1. The university circulates the Academic Calendar for each academic year to the college. 2. The Principal and the Heads of the Departments prepares the calendar of events based on VTU academic calendar for every semester specifying start and last working day of the semester, list of general holidays, internal test dates, practical test dates and academic and nonacademic/co-curricular activities of the Institute . 3. Based on this, each department prepares its own calendar of events adding dates for Departmental events. 4. Heads of the Departments conduct meetings with their colleagues to plan for conduction of student's seminar, projects presentation and internship. 5. Based on academic calendar faculty handling the courses prepares lesson plans specifying the course outcomes and also lab manuals are prepared and approved by Head of the Departments. 6. According to the academic calendar and lesson plan the faculties meticulously plan their lecture schedule and often engage extra lectures for problem solving and discussion on difficult topics. 7. Internal tests are conducted, evaluated and also the display of marks and attendance is done as per the calendar of events the seminars dates on which students has to give the presentations will be displayed on the notice board. Class seminars will be conducted in their respective classes on the days given by the respective subject faculties. 8. The Co-Curricular activities of the various Committee/Clubs/Cells of the College are also included in the calendar of

events and the conduction of the same is adhered to the dates mentioned.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.rrit.ac.in/images/pdf/PO's_PSO's_CO's.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
EC	BE	Electronics and Communication Engineering	27	27	100
EE	BE	Electricals and Electronics Engineering	5	5	100
CS	BE	Computer Science Engineering	56	56	100
IS	BE	Information Science Engineering	19	19	100
CV	BE	Civil Engineering	79	65	82
ME	BE	Mechanical Engineering	56	45	80

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.rrit.ac.in/images/pdf/Satisfactory_Feedbacksurvey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	Karnataka State council for Science and Technology	0.25	0.25
Projects sponsored by the University	365	Visvesvaraya Technological University	0.6	0.6

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Workshop on Big Data and Hadoop	Computer Science and Engineering	03/10/2018
Seminar on Intellectual Property Rights	Electronics and Communication Engineering	16/10/2018
Invited talk on Wideband gap nanostructures for sensor application	Basic Science	23/10/2018
Entrepreneurship awareness camp	Mechanical Engineering	29/10/2018
Seminar on Technology trends in IT industry	Computer Science and Engineering	20/11/2018
Workshop on Machine Learning	Computer Science and Engineering	30/11/2018
Hands on training on solidworks	Mechanical Engineering	11/02/2019
A Seminar on Effective Career Planning for Engineering students	Information Science and Engineering	13/02/2019
SDP on Higher studies and job opportunities in public sector	Civil Engineering	13/02/2019
Workshop on Innovation and Manufacturing	Computer Science and Engineering	15/02/2019
Seminar on Introduction to Data Science	Computer Science and Engineering	16/02/2019
SDP on Software's in civil engineering	Civil Engineering	18/02/2019
Effective Career Planning after UG Program	Computer Science and Engineering	20/02/2019
Five days Workshop on Computer Communication Networks applications	Information Science and Engineering and Electronics and Communication Engineering	27/02/2019
Seminar on Hadoop eco System	Computer Science and Engineering	02/03/2019
Five days workshop on "Intensive Interactive Practice Workshop on I.C. Engines"	Mechanical Engineering	20/03/2019
SDP on Green concepts	Civil Engineering	02/04/2019
Seminar on Introduction to Javascript and Python	Computer Science and Engineering	03/04/2019
Three days workshop on "Hydraulics and	Mechanical Engineering	03/04/2019

pneumatics"		
Technical Talk on Computer Networks and Network Security	Computer Science and Engineering	04/04/2019
Technical Talk on Embedded System	Computer Science and Engineering	05/04/2019
Technical seminar on "Job opportunities in Robotics and Automation"	Mechanical Engineering	08/04/2019
FDP on Material Science and Technology its Application in Engineering	Basic Science	22/04/2019
Workshop on Arm7 Processor and its Applications	Computer Science and Engineering and Information Science and Engineering	24/04/2019
Workshop on Python Application Development using Django Sql-lite	Computer Science and Engineering	25/04/2019
SDP on Opportunities for Engineers in Construction Industries	Civil Engineering	26/04/2019
SDP on Multi disciplinary GEOSCIENCES	Civil Engineering	02/05/2019
Guest Lecture on Sorting Techniques	Computer Science and Engineering	09/05/2019
SDP on Analysis of determinate Structures	Civil Engineering	24/05/2019
FDP on professional ethics and human values	Mechanical Engineering and Electrical and Electronics Engineering	14/08/2018
Seminar on Exposures to the Entrepreneurship Activity	Computer Science and Engineering	23/08/2018
A Workshop on Python programming	Information Science and Engineering	30/08/2018
Seminar On PCB Design	Electrical and Electronics Engineering	31/08/2018
Workshop On Circuit Prototyping	Electrical and Electronics Engineering and Information Science and Engineering and Electronics and Communication Engineering	27/09/2018
Seminar on Entrepreneurship awareness program	Mechanical Engineering	01/10/2018
FDP on Probability theory and its Application in	Basic Science	24/04/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Atmospheric water Harvesting	Ranganath B A	Sri Krishna Institute of Technology Bangalore -EXPO 2K19	20/05/2019	Best Project
InSc Awards	Swetha K B	Institute of Scholars	19/06/2019	Best Teacher Award
An optimal driving system using wireless helmet	Dr. Manjunath M B	Sri Krishna Institute of Technology Bangalore -EXPO 2K19	20/05/2019	Best Project
Cloud based Android Application with NFC for remote access	Nethra M V O	Conference world	10/05/2019	Best Paper
Innovative teacher	R Navaneetha Krishna	RRIT	22/09/2018	Innovative teacher of Institute
Best Researcher	Prashanth H K	RRIT	22/09/2018	Best Researcher
Combined experimental and simulated vibrational spectral analysis of pyridine, 3-bromopyridine, 2-fluoropyridine and 3-bromo-5-fluoropyridine	Dr. Anitha R Shetter	Conference world	10/05/2019	Best Paper
Rehabilitation robotic hand	Parimala Gandhi G	Sri Krishna Institute of Technology Bangalore -EXPO 2K19	20/05/2019	Best Project
Emotion speech recognition using ARM cortex M3 controller and Proteus design tools	Niranjan L	ICSPCEC-19 APS College of Engineering	04/05/2019	Best Paper
Fabrication of ROV detecting the foreign bodies in under water	Dr. Channabasavaraj S	Conference World	10/05/2019	Best Paper

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3000	4000	15000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Mechanical	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ME	19	6.28
International	ISE	1	4.3
International	EEE	1	5.87
International	Civil	7	5.46
International	Basic Science	1	6.1
International	CSE	18	6.01
International	ECE	11	6.15

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ME	1
CSE	6

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
An effect of RBI grade 81 on black cotton soil stabilization	Prof. Deepika R	International Journal of Engineering Science and Computing	2019	0	R R Institute of Technology	0

An efficient way to monitor and record noise pollution in different zone using ARM and proteus design tool	Prof. Niranjan L	International Journal of Management , Technology And Engineering	2019	0	R R Institute of Technology0	0
Design, modeling and analysis of heat pipe for space application	Prashanth H K	International Journal of recent Scientific Research	2018	0	R R Institute of Technology0	0
Effect of heat treatment on the microstructure of duplex stainless steels	Shridharmurthy H N	International Journal of Mechanical and Production Engineering Research and Development	2018	0	R R Institute of Technology0	0
A possibilistic clustering based biased Bayesian relevance feedback model for web usage recommendation	Sumanth V	International Journal of Engineering Technology	2018	0	R R Institute of Technology0	0
Comparative Performance of machine learning and deep learning Algorithms on Imbalanced Handwritten Data	Shruthi	International Journal of Scientific Research and Review	2019	0	R R Institute of Technology0	0
SpideRR	Jyothi	International	2019	0	R R	0

College Networking Application		International Journal of Scientific Research and Review			Institute of Technology	
Agronomy Monitory Robot using IOT Technology	Dhananjaya	International Journal of Scientific Research and Review	2019	0	R R Institute of Technology	0
A modern Real Time Water Quality Monitoring System using IOT	Dr.S.Saravanan	International Journal of Scientific Research and Review	2019	0	R R Institute of Technology	0
Cloud Based Soil moisture measuring system using IOT in Indian agriculture	Dr.Manjunath.R	International Journal of Scientific Research and Review	2019	0	R R Institute of Technology	0

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An effect of RBI grade 81 on black cotton soil stabilization	Prof. Deepika R	International Journal of Engineering Science and Computing	2019	0	0	R R Institute of Technology
An efficient way to monitor and record noise pollution in different zone using ARM and proteus design tool	Prof. Niranjan L	International Journal of Management , Technology And Engineering	2019	0	0	R R Institute of Technology

Design, modeling and analysis of heat pipe for space application	Prashanth H K	International Journal of recent Scientific Research	2019	0	0	R R Institute of Technology
Effect of heat treatment on the microstructure of duplex stainless steels	Shridharmurthy H N	International Journal of Mechanical and Production Engineering Research and Development	2018	0	0	R R Institute of Technology
A possibilistic clustering based biased Bayesian relevance feedback model for web usage recommendation	Sumanth V	International Journal of Engineering Technology	2018	0	0	R R Institute of Technology
Comparative	Shruthi	International Journal of Scientific Research and Review	2019	0	0	R R Institute of Technology
SpideRR College Networking Application	Jyothi	International Journal of Scientific Research and Review	2019	0	0	R R Institute of Technology
Agronomy Monitory Robot using IOT Technology	Dhananjaya	International Journal of Scientific Research and Review	2019	0	0	R R Institute of Technology
A modern Real Time Water Quality Monitoring System using IOT	.Saravanan	International Journal of Scientific Research and Review	2019	0	0	R R Institute of Technology

Cloud Based Soil moisture measuring system using IOT in Indian agriculture	Dr.Manjuna th.R	International Journal of Scientific Research and Review	2019	0	0	R R Institute of Technology
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	9	19	74
Presented papers	30	4	0	0
Resource persons	0	0	0	9

[View File](#)

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Enviornmental Awareness program- Government School Mandya.	Green Club - RRIT	2	20
World Forestry day	Green Club - RRIT	25	100
Drug Free India - by art of living.	Anti-Drug Abusing Committee - RRIT	15	78
Blood Donation Camp and Eye Screeing Camp	LIONS CLUB - RRIT	7	200
NSS camp at SIDDARABETTA	SIDDARABETTA MATT and RRIT	6	50
Tobacco : A Threat to career and Life	Anti-Drug Abusing Committee - RRIT	7	40
Plantation at RRIT	GREEN CLUB and NSS - RRIT	6	30
World Heart Day	CSE RRIT SIMSRH	6	168
Swachh Bharat Abhyan(Shramadhan) at Hesaraghatta lake	NSS - RRIT	10	130
World Organ Donation Day	Electronics and Communication	11	120

Engineering Dept -
RRIT

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation and EYE screening camp	Recognition	LIONS Club BLOOD BANK	200
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness Program	Green Club - RRIT	Enviornmental Awareness program- Government School Mandya.	2	20
Awareness Program	Green Club - RRIT	World Forestry day	25	100
Awareness Program	LIONS CLUB - RRIT	Blood Donation Camp and Eye Screeing Camp	7	200
Awareness Program	SIDDARABETTA MATT and RRIT	NSS camp at SIDDARABETTA	6	50
Awareness Program	Anti-Drug Abusing Committee - RRIT	Drug Free India - by art of living.	15	78
Awareness Program	Anti-Drug Abusing Committee - RRIT	Tobacco : A Threat to career and Life	7	40
Awareness Program	GREEN CLUB and NSS - RRIT	Plantation at RRIT	6	30
Awareness Program	CSE Department in Association with SIMSRH	World Heart Day	6	168
Awareness Program	ECE - RRIT	World Organ Donation Day	11	120
Swachh Bharat A bhyan (Shramadha n)	NSS - RRIT	Swachh Bharat A bhyan (Shramadha n) at Hesaraghatta cleaning the srrounding of Reservoir	10	130

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	"Mr. Shridharmurthy H N (R R Institute of Technology) Shamanth V (REVA University) Dr.L.Arulmani (R R Institute of Technology) Hemanth K (REVA University)"	Self Financed	90
Research	"Ajay M R (Shri Pillappa College of Engineering) Dr. Channabasavaraj (R R Institute of Technology)"	Self Financed	90
Research	"Pranesh K G(Acharaya Institute of Technology) Kishore H(Vijaya Vittala Institute of Technology) Dr. Channabasavaraj(R R Institute of Technology)"	Self Financed	90
Research	"Virupaksha gouda (Rao Bahadur Y Mahabaleshwarappa Engineering College Dr. Channabasavaraj (R R Institute of Technology) A Thimmana gouda(Rao Bahadur Y Mahabaleshwarappa Engineering College S P Jagadish (Rao Bahadur Y Mahabaleshwarappa Engineering C	Self Financed	90
Research	"Mohan Kumar BM (R R Institute of Technology) Dr.Rangaraju (Government S.K.S.J. Technological Institute"	Self Financed	120

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training and Exposure	Web Development	InfiData Technologies, info@infidata.in, 91-7090240240	10/07/2018	10/08/2018	Raisa Kauser
Training and Exposure	Basic Elements of android application Development	Seamovations Labs pvt ILD, 91-9844 298998, www.seamovation.com	09/07/2018	09/08/2018	Vasuki E M
Training and Exposure	Event Queue	ParvamConsultech, patadna veen@gmail.com ,099867 63937	09/07/2018	04/08/2018	Nayana H V
Training and Exposure	Programming using Python	LIVEWIRE , ka.blr.basave shwaranagar@livewireindia.com,080-65 702005, Bangalore	09/07/2018	04/08/2018	Sathish P
Training and Exposure	Insulator, ceralin and photovoltaic systems	BHEL-EPD,www .bhelceramics.com,080-22 182210, Bangalore	09/07/2018	04/08/2018	Brunda N
Training and Exposure	Telephones Defence Production -Internship	ITIL, mhred_bgp@itiltd.co.in, Bangalore	07/01/2019	02/02/2019	Bhavana S
Training and Exposure	Insulator, ceralin and photovoltaic systems	BHEL-EPD,www .bhelceramics.com,080-22 182210, Bangalore	09/07/2018	04/08/2018	Ashwani L
Training and Exposure	Naval System Divison	BEL, www.bel-india.com, 0 80-25039300, Bangalore	09/07/2018	07/08/2018	Aishwarya K
Training and Exposure	Circuit PCB Design using OrCad and Communication	NSTI, apexhi tech-ka@nic.in, 0 80-23378335,	09/07/2018	03/08/2018	Pavithra.G.N

	Technology Internship	Bangalore			
Training and Exposure	Radar Divison - Internship	HAL, hr_asc@hal-india.com, 08022313819, Bangalore	21/07/2018	20/08/2018	Keerthana.H
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
4ANGLE Consultancy services	03/04/2018	Internship/ Training	10
LIVEWIRE	02/06/2018	Internship/Training	25
IDP Education pvt ltd	21/09/2018	Higher Education at abroad	95
LIVEWIRE	07/06/2018	Aptitude test	41
JETKING	30/01/2019	Certification program on Computer networking	21
KITES Construction Academy	11/05/2018	Training Institute	90
ZAK Consultant	27/06/2018	Training Institute	120
Synergy School of Business Skills	07/07/2018	CADD Training	90
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
101	66

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
IIMS	Partially	3.0.1	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18212	5453735	478	189827	18690	5643562
Reference Books	1869	358054	121	74862	1990	432916
e-Books	696	13570	4335	100000	5031	113570
e-Journals	5672	100000	2047	100012	7719	200012
Journals	45	97750	37	82000	82	179750
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	500	15	1	1	1	1	7	100	0
Added	0	0	0	0	0	0	0	0	0
Total	500	15	1	1	1	1	7	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
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4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
143	110	123	114

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Infrastructure Maintenance Procedure

- All the works that need to be attended are written in the complaint Register and the supervisor or Administrative office will initiate necessary action and follow ups.
- Greenery, Lawns, Trees are watered, trimmed and maintained by the Gardener and helpers under the supervision of the supervisor. The Manure for the gardening is prepared organically at the college campus.
- The staff, students and visitors have to park their vehicles as per the parking space allocated at campus, which is monitored by security team.
- Annual Maintenance carried out whenever it is necessary.
- Laboratory Equipment maintenance:**
 - Laboratory in-charge, laboratory instructor with the help of laboratory attendant maintains the equipment and machineries of each lab.
 - As per the requisition raised by the instructor/faculty handling the particular lab will prepare the list of component/consumables/non consumables and or equipment's to be procured / serviced for the respective lab before commencement of academic year. The same will be forwarded by Head of the department to the management for further process.
 - Periodical maintenance, calibrations repairing of equipment's will be carried by lab instructor and the same will be entered in service register. The external service person will be called when equipment's are non-serviceable in-house.
- Computers**
 - It is maintained by System Administrator.
 - As per the requisition raised by the System admin and faculty in charge who handles the particular lab will prepare the list of Consumables/Non Consumables and Computers to be procured/ serviced for all the computer laboratories before commencement of academic year. The same will be forwarded to Head of the department for further process.
 - Inspection and servicing activities are being carried out once in semester.
 - Stock verification is done at the end of each academic year.
- Library**
 - Librarian receives the requisition from each department before the start of academic year and finalizes the list of books required for the two semesters with the help of library committee.
 - Depending on the requisitions raised, 3 vendor's quotations will be collected, compared and evaluated for the best price by the library committee.
 - The statement is prepared and sent for the approval of the Purchase Committee and then to the Principal.
 - The accession numbers are assigned for the Books procured and entry is done in the accession register.
 - The books are issued to the students for 15 days duration and to be renewed if required the same book.
 - Library Audit will be conducted once in a year to check the status of books and to prepare weeding list.
- Class Rooms**
 - House Keeping department will maintains and cleans the class rooms regularly.
 - Any shortfall or broken furniture or fixtures will be intimated to Administrative officer through HOD by Housekeeping supervisor.
 - The Administrative officer with the principal approval does the necessary actions.

<https://www.rrit.ac.in/images/pdf/SOP's%20-%20Physical%20Infrastructure.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	0	0
Financial Support from Other Sources			
a) National	Category students (backward social welfare office), SC Social, JK Quota, National Scholarship	349	6825550
b) International	Indian Council for Cultural Relations	2	576930
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Skill Assessment Test (Placement cell)	19/02/2019	120	HIREME
Boot Strap Session (Placement cell)	13/02/2019	129	GRID InfoTech
Ethical Hacking (Placement cell)	06/02/2019	89	Offence Security Limited
IOT (Placement cell)	06/09/2018	140	CAISER
Aptitude session (Placement cell)	05/09/2018	93	Anil Nair Classes
Remedial coaching	13/08/2018	481	RRIT
Boot Strap Session	28/08/2018	92	Aradhya Brilliance Center (ABC)
Seminar on overseas educational opportunities	18/09/2018	80	IDP Education India
Technical Talk (Job Opportunities)	04/11/2019	47	Robotic and Automation
Hadoop eco system (Alumni Students)	02/03/2019	71	MindTree, Accenture
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for	Number of benefited students by	Number of students who have passed in	Number of students placed
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		competitive examination	career counseling activities	the comp. exam	
2019	Career Guidelines by Vani institute	2	5	0	0
2019	Internship and Career opportunities in civil engineering (Kites Construction Academy)	0	79	0	0
2018	Aptitude session (Placement cell)	0	93	0	60
2018	Seminar on overseas educational opportunities	1	80	1	0
2018	Seminar On Gate Exam & Scholarship	2	56	2	0
2019	Seminar on Effective Career Planning for Engineering Students.	5	48	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
CMS IT	26	10	MINDTREE	1	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2019	1	BE	ECE	R R Institute of Advanced Studies-Management	MBA
2018	1	BE	ME	University of Pavia	M S
2018	1	BE	ECE	Siddaganga Institute of Technology	M.Tech
2018	1	BE	Civil	Karnataka State Open University	M.Tech
2018	1	B.E	Civil	R R Institute of Advanced Studies-Management	MBA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Graduation day	Interdepartment Level	250
Mehandi competition	Institution Level	12
Gaming	Institution Level	34
Short movie	Institution Level	5
Quiz Competition	Interdepartment Level	17
Elocution competition	Interdepartment Level	15
Annual Sports Meet 2018	Institution Level	200
Annual Sports Meet 2019	Institution Level	120
Debate competition by anti-drugs committee)	Interdepartment Level	40
Fireless cooking	Institution Level	4
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	0	National	0	0	0	0
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

All-round development of students is a primary objective of RRIT. Involving students in various academic and administrative roles plays a vital role in inculcating the qualities of leadership, organization, and responsibility in the students. Focussing on this objective all the academic departments of RRIT formed student associations and made them members of several academic and administrative bodies/committees. Student associations consists student president from final year, secretary from pre final year and a student from 2nd year as joint secretary. One male and one female student from each class are elected members of student association. Principal, HOD and Two senior faculty members are also members of this association. Association meets regularly and chalk out several curricular and extracurricular programs that help student fraternity. Students are also members of the Department Academic Council. The Institute has about 20 Committees/ Clubs that organize various programs which helps in the holistic development of the students. These committees organize competitions, seminars, guest talks, other events for the students. Club/Committee activities, workshops, Intra-Domain and Inter-University competitions enhance the communication skills, team management skills, leadership skills, time-management, resource management skills and above all builds confidence in each student. Through the Club/committee platform, provided by the Institution, students learn to do practical implementation of the class room learning such events are primarily organized by the students under the supervision of faculty members. Various such committees are as listed below

1. Internal Quality Assurance committee
2. Alumni association
3. Project exhibition committee
4. Heritage club
5. Green club
6. Innovative club
7. Photography / Videography club
8. Yoga club
9. Energy club
10. Magazine/ Newsletter Committee
11. Red cross
12. ED Cell
13. Drug abuse committee
14. EDU-sat committee
15. Sports committee
16. Cultural/college day committee
17. Placement committee,
18. Department associations
19. Innovation club
20. NSS.

Students are involved in the activities of these committees in planning, execution and till completion. The annual cultural event, Kalataranga is the inter college level cultural and sports festival of RR Institutions. Student representatives of all the Departments take active role in this event. During this event they interact and forms teams with students from other colleges also Student coordinator and students from all departments participated in the 7 days NSS camp at Siddarabetta near Tumkur. Student members made successful the Green club awareness programs organized in and around Bangalore and also in government schools near Mandya. Students participated in the Anti Drug abuse committee organized awareness programs for entire institutions. Annual student project exhibition - MERAKI is coordinated by the final year students of respective department members along with faculty coordinators. Redcross committee organized blood donation camp. Student members actively participated in arranging facilities, helping the medical staff and guiding the students. Female students of the institute participated enthusiastically in ICC ASHC committee events like women's day. ED cell in association with student members had organized 3 days camp to develop the entrepreneurship zeal among the students. All the committees have organized several programs to improve the personal development of the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RRIT has a registered Alumni Association under the Societies Registration Act with registration number DRB1/SOR51/2018-19 . It was started in the year 2017 and registered on 16/04/2018. RRIT and its Alumni association strongly believe that a healthy and vibrant alumni association will mutually benefit the institute, alumni and society in general. Following are the objectives of the association. 1. To provide a forum to establish a link between the alumni, students and staff 2. To enable the alumni to participate in the activities which would contribute to development of institute and society 3. To organize programs to engage the alumni in exchanging the technological and managerial developments at national and international level. 4. To help the alumni with their professional obstacles 5. Encouraging the alumni to provide scholarships and prizes to deserving poor students 6. To establish alumni chapters at national and international level for alumni residing at various places . RRIT alumni are working and studying at various positions all over the globe. The Alumni Association Contributes for the development of RRIT in various means:-

1. Alumni Interaction: They are invited as resource persons at various events and deliver guest lectures etc. They provide inputs and share their experiences regarding skills, recent technologies trends in the industry, application of knowledge and corporate working culture etc.
2. Placement Career Guidance Assistance: Alumni are working in different organizations at various capacities. They keep the faculty and the placement officer abreast about the available job opportunities. They also share their experience with the students and motivate them for their career development in various domains.
3. Campus recruiters: Alumni visit the campus as recruiters for their companies and also recommend and promote RRIT to their employers for campus placements.
4. Summer Internship Opportunities: Alumni provide innumerable opportunities of internship in various companies
5. Entrepreneurship Awareness: Alumni who have established own commercial enterprises share their skills knowledge, their success stories and challenges faced.
6. Alumni Meet: RRIT has a tradition of inviting alumni for Annual Alumni Meet usually in the month of January to reconnect with the Alma mater and old friends. The inputs of alumni are helpful to academicians for moulding the aspiring students.
7. Promoting Institute Events: Alumni associates with various events such as seminars, cultural and sports events etc conducted at RRIT
8. Branding of institute: In building RRIT's reputation, which relies in large part on how successful graduates are in the real world.
9. Institute Social Responsibility: Our Alumni along with RRIT are engaged in conducting social activities for the welfare of the society through scholarships to poor students and Donations in the form of Books, Blankets, Chairs, Mats, Storage containers, Stationary etc for the weaker sections of the society.
10. Quality enhancement: Alumni also provide inputs for the enhancement of quality in curriculum, teaching, and administration activities etc . Their inputs are very significant in bringing quality enhancement.
11. News letter : The Annual news letter of alumni activities 'Sankalpa' is published during Alumni meet.

5.4.2 – No. of enrolled Alumni:

1076

5.4.3 – Alumni contribution during the year (in Rupees) :

269000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Alumni meet 2019 conducted on 24/02/2019. 2. Alumni members have felicitated the faculties of RRIT on the day of Alumni meet 2019. 3. Number of meetings

conducted in Alumni Association: 06 (AY: 2018-19). 4. Seminar is organised by Alumni's on "Hadoop Eco System" on 02/03/2019. 5. Released Alumni Newsletter "Sankalpa" 2018-19.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution defines the decentralization in working through delegation of authority. Personnel at different level implement the decisions. Chairman, Governing council, Director, CEO and Principal are responsible for controlling and overseeing the entire institution. The Governing Council assists the Chairman, Director, CEO and Principal with regard to broad guidelines, policies and framework for the improvement of quality of education in the institution. The management through the Principal involves the faculty members in various activities related to the development of the Institute. Principal is the chairperson of the IQAC and heads the academic and administrative activities of the Institute. He forms various committees and appoints faculty members. The head of the department has been bestowed with the authority of deciding the activities and delegating the responsibilities to the staff members. The department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, symposia, guest lectures and workshops and recommends necessary industrial visits, in-plant trainings, internships and MoUs. The institution is functioning effectively with the culture of participative management. All the academic activities are decentralized and decisions are taken based on discussion and deliberations in the department meetings, faculty meetings, HODs' meetings with Principal. The Principal coordinates with the departments, administration and management. Participative management provides extensive scope for having collaboration among the departments and ensures the quality of planning and implementation of all the activities in the institution uniformly and as a team. There are different departmental associations such as Pro-Greeks, Science Forum, RRAECE, RISE, Karthru, EnEEergy in which students teachers participate and take decisions and conduct various activities. The heads of departments take decisions regarding academic innovations and other related activities in consultation with the members of staff. Every Academic year calendar of Event for forthcoming semester is prepared at the closure of the previous semester. Principal will convene the HODs' meeting. The schedule of the activities will be discussed and finalized in accordance with the academic calendar received from affiliating university

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The institute follows the curriculum defined by the affiliating university and adhere to comply with that. For Effective implementation the university updates the courses once in every 4 year or in need base in consultation with BOS and academic senate council considering on demand from the

industries. The college adhere to the academic calendar prepared by the university and prepares college calendar of event mentioning the dates for continuous internal evaluation. Faculty members prepares course file containing lesson plan, course materials , laboratory manuals and also suggest activities to enrich the knowledge prescribed by university syllabus.

Teaching and Learning

For effective implementation of teaching learning process departments have formulated Department Association. The association plans departmental activity such as workshop / seminar, guest lecture to train the students content beyond syllabus. Each department prepare calendar of events, course file, lecture material for effective delivery of the Courses and all the class rooms are fitted with ICT tools. NPTEL videos, e-learning tutorials, e-shikshana classes are meticulously used to enrich the learning level of students. Remedial classes, internship in various industries, projects, Student development Programs on problematic subjects , workshops and seminars are organised periodically to train the students to perform well in examination as well as in placement related activities.

Examination and Evaluation

To prepare the students for semester end examination the faculty members prepare question bank covering the entire syllabus prescribed by the university. The institute conducts three internal test as continuous evaluation process and one semester end examination. The performances of students are continuously evaluated through internal test and assignment/quiz/ seminars, attendance and semester end examination. The internal marks are allocated for as per scheme by taking as average of three test or best of two out of three test and assignment/quiz/seminar marks. Semester end Examination are conducted as per the time table set by University. Faculty members participate in Centralized university evaluation system. All the final year student take up project and Technical seminar and progress will be monitored by the

project guide and Head of the department. The Internal marks for seminar and project and will be allocated by summing the overall performance of the students. The prefinal year students take up internship and submits approved copy of internship report to the department. The internship and project evaluations are done by examiner appointed by university.

Research and Development

The Department of Mechanical offers Ph.D. programmes , the faculty members are actively involved in the research work. The college encourages all the faculty members to take part in research activities. The institute having Fourteen PhD degree holders as faculty and some are pursuing their PhDs. The institute also encourages faculty members to take up research work. Many faculty members have registered for research program. Also research proposals are sent for VGST, KSCST, AICTE MODROB .

Library, ICT and Physical Infrastructure / Instrumentation

The institution has sufficient number of well-furnished, well ventilated, spacious ICT enabled classrooms for conducting theory classes. All laboratories are established as per norms of Apex body are well equipped, and well maintained not only for carrying out curriculum oriented lab practical's but also to carry out research activities. The ICT facilities created, maintained and managed by an exclusive System Administrator. Common Room for Boys and Girls separately is available in the campus. Library resources are regularly updated and upgraded by adding new Text books, reference books , Research journals, magazines, news papers, e-Journals E-books etc. . Library is linked with VTU e-consortium and user can access several E-books and E journals with this facility.

Human Resource Management

The college recruits faculty members as per the norms prescribed by AICTE and university. A diverse workforce of industry practitioners, academicians are maintained at RRIT. Gender equality with unique service rules are established to maintain rich work culture. Focus on research, employee wellness and healthy environment is an indicative of good practice of

	<p>institute. Effective system of self appraisal is implemented. Shortage in manpower is regularly intimated to the governing body for necessary action. All human resources within the College is engaged in maintenance of Anti Ragging Committee, Internal Complaint Committee, Anti Sexual Harassment committee, SC/ST Welfare committee, Green Club, Energy Club, Yoga according to one's aptitude and abilities.</p>
Industry Interaction / Collaboration	<p>Placements cell and Entrepreneurship development cell has been at the forefront in setting up connections with the industry engagements All the Departments have signed MOU with industries to inculcate industry practice in students. Industrial visits organized by the departments, internship and student projects bridges the gap between industry and academia. Various workshops , seminars , guest lectures are organized by the department inviting industrial experts gives an exposure to students in current trends and technology adopted at industrial practice.</p>
Admission of Students	<p>The college follows rules regulations of affiliating university and Karnataka education Authority policy for admissions process. Admissions into all programmes are done purely on merit basis and according to reservation policy of the Karnataka state govt. The Principal of the College along with the admission / promotion of brand image committee carry out the admission process.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>1. Institute maintains its website www.rrit.ac.in to communicate its values and updates to external stakeholders. 2. Social Media, Google Group, Google link for feedback mechanism, online Grievance Redressal Mechanism, Alumni linkage are maintained for periodical upgradation and updation of day to day activities . 3. For salary and leave computation Payroll is used to prepare salary and upload salary slips. It keeps track of all personnel details of all the employees of the institute.</p>
Administration	<p>1. Maintenance of infrastructure,</p>

	<p>upkeep the flora and fauna of the estate and administrative issues. 2. The academic administration is managed through the Institute Information management system to maintain the record of all administrative activities</p>
Finance and Accounts	<p>1. The Institute accounts are maintained under through IIMS Software. Students fee collections, receipt generation and students profile of accounts maintained by the software. Student wise fees receivable and the actual fees received , scholarship received are reconciled every semester with the help of the software. Staff salary, PF/ESI Statement and computation of TDS and Tax deposit are maintained through the software. along with their profile is maintained in the system. The IIMS is used for fee collection from students. 2. Generation of payslips, leave records and management of all fund related activities are maintained through the Software.</p>
Student Admission and Support	<p>1. Students are motivated to apply for SC/ST Scholarship , e-pass(KARE Pass) for all OBC Candidate , National Scholarship Portal, Defence Ward Scholarship, BBMP Scholarship, BMTC Scholarship, North East and JK students. 2. Institute is Tie up with nationalised banks like Vijaya bank for students to avail Loan facilities. 3. For Student Welfare Activities the Parent Hospital NRR Hospital and Prakriya Hospitals are tide up for Health support, state of the art hostel, library, In campus yoga center to maintain the wellness of students. 4. Career Counselling / personal counselling proctoring system is implemented in order to keep a regular connect with parents and students. 5. Alumni Database is maintained and updation of the college events are done by alumni committee.</p>
Examination	<p>For effective conduct of examination online platform provided by university is used.</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support
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		for which financial support provided	which membership fee is provided	
2018	Prof. Shruthi S	Workshop on Machine learning	SJB Institute of Technology, Bangalore	1000
2019	Prof. Nagesh Kumar	Advanced workshop on Advanced ceramics and Refractories for Foundry Industry	Crescent Hotel	2500
2019	Prof. Janhavi N L	FDP on Probability Theory and its Applications	Raja Reddy Institute of Technology	100
2019	Prof. Parimala Gandhi	Professional Member	Institute of Electrical And Electronics Engineerings	3000
2019	Prof. Savitha R	FDP On Internet of Things and Python	Cambridge Institute of Technology	1500
2019	Prof. Girish B A	FDP on Material science and Technology	Raja Reddy Institute of Technology	200
2019	Dr Sunitha H D	FDP On OBE and NBA Accreditation	SJB Institute of Technology, Bangalore	1000
2019	Dr S Saravanan	Advancements in Computer Science Engineering	New Horizon College of Engineering	3000
2019	Prof. Bhojgowda V T	International conference on recent innovations in science, engineering and managements	Raja Reddy Institute of Technology	3000
2019	Dr. Manjunath R	National Conference on Emerging Trends in Engineering Technology Applied Research	M.S Engineering College	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional	Title of the administrative	From date	To Date	Number of participants	Number of participants
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	development programme organised for teaching staff	training programme organised for non-teaching staff			(Teaching staff)	(non-teaching staff)
2018	FDP on MS -Office Word Excel	Basics of MS Office	30/07/2018	30/07/2018	50	6
2018	Introduction to Latex Software	-	31/07/2018	31/07/2018	36	0
2018	Professional Ethics and Human Values	-	14/08/2018	14/08/2018	84	0
2019	Effective Implementation Of Outcome Based Education And Co-Po Mapping	-	17/01/2019	17/01/2019	58	0
2019	Strategy Development	-	13/03/2019	13/03/2019	46	0
2019	Usage of ICT Tools and Form Preparation	Usage of ICT Tools and Form Preparation	25/03/2019	26/03/2019	40	10
2019	-	One Day Workshop On English Language Skills	04/04/2019	04/04/2019	0	22
2019	Material Science And Technology	-	22/04/2019	23/04/2019	27	0
2019	Probability Theory Its Applications In Engg	-	24/04/2019	24/04/2019	33	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop on	1	23/01/2018	24/01/2018	2

Digital Signal Processing Lab				
Workshop on Outcome Based Education, Course Outcome and Bloom's Taxonomy	2	09/05/2018	09/05/2018	1
FDP on Introduction on Latex Software	7	31/07/2018	31/07/2018	1
FDP on Professional Ethics and Human Values	84	14/08/2018	14/08/2018	1
FDP on Energy and Sustainable trends in Civil Engineering- ESCE 2018	1	27/09/2018	28/09/2018	2
FDP on CO-PO mapping for effective implementation of Outcome Based Education FDP on CO-PO Mapping for Effective Implementation of Outcome based education	61	18/01/2019	18/01/2019	1
FDP on Internet of Things and Python	2	28/01/2019	02/02/2019	6
FDP on Strategy Development Plan	46	13/03/2019	13/03/2019	1
FDP on Material Science and Technology	19	22/04/2019	23/04/2019	2
FDP on Probability Theory and its Applications	24	24/04/2019	24/04/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
101	101	58	58

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
.Loan Facilities 2.Flexi-Timings Provided for medical Reasons 3.Post Maternity- Flexi Timings for Women 4.Advance to meet Emergency Expenditure of the Staff 5.On Duty Leaves for Faculty development Activities 6.Membership fee for Professional Organizations 7.Canteen Facilities 8.Banking Facilities at Institutions 9.Transport System 10.Wi-Fi Facilities	1.Loan facility 2.Sponsorship for Higher education 3.Festival Advance 4.Canteen Facilities 5.Banking Facilities at Institutions 6.Transport System 7Admissions,Scholarships and fee Concessions for Children of Administrative Staff 8.Contributory Provident Fund for Management Faculty Contribution Towards Insurance 9.Refreshments during working Hours for Administrative Staff	Scholarship for merit students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal audit: The people involved: 1.The Accountants of RRIT PKMET 2.The Office Superintendent of RRIT PKMET 3.The Administrative Officer of RRIT PKMET They look after all the daily expenses and the bills for the day to day activities, petty cash, registers etc and Also the additional amount incurred for the running of the institution. Duration: Once in every Six months.
 External Audit: The people involved: 1.The Chartered Accountant and his team (2 accountants) 2.The Accountants of RRIT PKMET 3.The Office Superintendent of RRIT PKMET 4.The Administrative Officer of RRIT PKMET Duration: Annually So far there have been no objections raised during the Auditing

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Department of Science and Technology	16000	To Organise Entrepreneurship Awareness camp
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	IQAC and Academic Review Committee
Administrative	No		Yes	IQAC and

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent teacher meeting after Every Internal Test is conducted at each department to receive suggestion for improvement . 2. Parent Feedback System is collected and analysed and suggestion given on key areas are improved. 3. Invite Parents for Student Induction Program (BS) and graduation day and annual cultural meet KalataRRangA to view cultural activity and to receive suggestion on areas of improvement.

6.5.3 – Development programmes for support staff (at least three)

1. Workshop for Exposure to MS Office 2. Workshop of Usage of ICT Tools 3. A Talk on How to balance work-Home stress and to stay healthy

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. FDP on CO-PO Mapping for Effective Implementation of Outcome based education
2. Initiated strategy development plan for each department
3. Organised FDP on Modern tool usage
4. Initiated NBA Process
5. Formulated Department Advisory Board and Department Advisory Council.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	FDP on Basics of MS -Office Word Excel	30/07/2018	30/07/2018	30/07/2018	50
2018	Entrepreneurship Awareness camp	29/10/2018	29/10/2018	31/10/2018	70
2018	Introduction to Latex Software	31/07/2018	31/07/2018	31/07/2018	36
2018	FDP on Professional Ethics and Human Values	14/08/2018	14/08/2018	14/08/2018	84
2019	FDP on CO Po mapping and Outcome based Education	18/01/2019	18/01/2019	18/01/2019	61
2019	FDP on Strategy development	13/03/2019	13/03/2019	13/03/2019	46

	plan				
2019	Usage of ICT Tools and Form Preparation	25/03/2019	25/03/2019	26/03/2019	50
2019	International Conference on Recent Innovations in Engineering and Management	10/05/2019	10/05/2019	11/05/2019	60
2019	FDP on Material Science And Technology	22/04/2019	22/04/2019	23/04/2019	27
2019	FDP on Probability Theory and its Applications	24/04/2019	24/04/2019	24/04/2019	33

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Universal Human Values 1 2	20/08/2018	20/08/2018	45	143
Universal Human Values 7	28/08/2018	28/08/2018	45	143
Universal Human Values 9 & 10	29/08/2018	29/08/2018	45	143
Awareness on Drug Addiction and Anti-Sexual Harassment	04/09/2018	04/09/2018	100	0
Drug free India live streaming campaign by art of living	19/02/2019	19/02/2019	20	60
International Women's day Celebration	08/03/2019	08/03/2019	150	0
World Health and Women's Day 2019	22/03/2019	22/03/2019	42	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1.To keep water source clean, institute organized Swachh Bharat Abhyan (Shramadhan), on 25/8/2018 and cleaned the Hesarghatta reservoir. Around 130 students participated in the activity. 2.To maintain clean and healthy environment, Herbal Plants are planted in the parking area on 1/10/2018 by Green Club. 3.To bring health Consciousness among students, institute organized debate competition in association with Department of Health, Government of Karnataka on 15/11/2018. 4.NSS organized special camp at Siddhara Betta to clean the environment and to spread awareness among people about the bad effect on environment using plastic from 24/2/2019 to 2/3/2019. 5.To bring Awareness among students and public, a walkathon on Hazards due to usage of plastics (Save Earth) was organized on 13/3/2019. 6.To bring awareness on Environment and causes of deforestation, usage of plastic and importance to save trees and water, Green Club organized Rally and conducted quiz programmes for Government school students at Lakshmisagara, Pandavapura in Mandya district on 15/3/2019. 7.To bring out the Consciousness on environment and importance of forest conservation, the Green club has organised Forestry Day on 21/3/2019. 8.To bring out the ideas and to share thoughts about clean energy and making environment greenery, a elocution competition on "Role of students in creating clean Energy and green environment "was conducted by Energy Club on 21/3/2019. 9.The 100 energy requirement of the college is met through the 300KwPH Solar panel installed at the roof top of the Institution generates power upto 36000KW per month.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	01/10/2018	1	Plantation and RRIT	Cleanliness of the Premises and watering the plants	60
2018	2	2	15/11/2018	2	Debate competition on Tobacco: A threat to career and life	Create awareness of Tobacco: A threat to career and life	40

2019	1	1	13/02/2019	1	Helmet awareness	Creating awareness of helmet benefit	27
2019	1	1	19/02/2019	1	Drug free India	Awareness of drug effects and Movement of drug free India	100
2019	2	2	27/02/2019	1	Blood Donation Eye Screening Camp	Spread the awareness on blood donation and healthy eyes	200
2019	1	1	13/03/2019	1	Rally -RRIT (Save Earth)	Awareness on usage of plastics	50
2019	2	2	15/03/2019	1	Environmental Awareness Program	To bring Awareness on importance of Environment among school Children	22

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Ethics/Conduct/Values Hand Book	22/11/2019	1.This Code of Conduct is intended as a guide and a help to all teaching and non-teaching staff. It sets out standards of conduct which staff are expected to follow when within or representing the Institution. This code is not exhaustive but is written to assist staff and it is important that staff should take advice and guidance if necessary. 2. The underlying purpose is to ensure that the Institution provides a high quality service to

its stakeholders in accordance with the vision and Mission Statement and to promote public confidence in the integrity of the Institution. 3. It takes in the requirements of the law and attempts to define the required levels of professionalism to ensure the well-being of the Institution, its staff and its stakeholders. 4. It has been drafted to comply with Institution Policies and Procedures. 5. Staffs are requested to read this Code carefully and consider the issues which it raises. 6. The Respective Principal's should also ensure that all staff are aware of the Code's contents and are fully briefed on its implications.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Student induction for first year students in the year 2018-19	06/08/2018	05/09/2018	188
World Organ Donation Day	11/08/2018	11/08/2018	110
FDP on Professional Ethics and human values	14/08/2018	14/08/2018	80
Sadbhavana diwas	20/08/2018	20/08/2018	20
Induction Program on exposure to the entrepreneurship activity	23/08/2018	23/08/2018	20
Swachh Bharat Abhyan	25/08/2018	25/08/2018	130
Awareness on Drug Addiction and Anti-Sexual Harassment	04/09/2018	04/09/2018	45
Program on World Heart day	29/09/2018	29/09/2018	168
Entrepreneurship Awareness program	01/10/2018	01/10/2018	24

Plantation -RRIT	01/10/2018	01/10/2018	60
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green club: Green is the prime colour of the world, and that from which its loveliness arises, Greening the campus is sweeping away negative energy, inefficiencies using natural sources of energies. Green club has taken initiative in Sapling trees. 2. Energy Club: For Energy conservation the campus is fitted with LED bulbs, solar lights, for energy conservation Sign boards are kept all over the institute. 3. Best utilization of natural resource- the institution is fitted with rooftop solar panel that generates 300KWH power 4. Usage of plastic bags is banned within the premises of the College. 5. Less paper office and pollution free campus: To reduce the pollution an underpass at the railway line is constructed for the transit of RR Institutions students and staffs. 6. Swachh Bharath Program : Campus clean programme. cleaned the roads and lakes nearest to the college and its surroundings. 7. Organised Environmental awareness program, at Govt School, Laksmisagar, pandya pura, Mandya district 8. Shramadhan, Removing plastics and Parthenium plants by NSS in association with BBMP at Hesarghatta Reservoir

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link. Title of the Practice: Conduction of remedial classes To help the students who failed in more than three subjects in the university examination. Objective of the practice: The goal of the practice is to provide additional support to the student so that they clear their failure subject in the further semester and gain eligibility criteria of university to continue their courses without getting into year back system. The Context: After the announcement of university results the department takes the account of overall result percentage of individual subject and number of failures. And remedial class for the same will be conducted without affecting their regular classes. It is the interest of the department to see that those students also complete their course without losing a year. The Practice: The failure and weaker students are identified and additional time table without overlapping with regular classes have been arranged. The students are informed to prepare for the certain topics which they find it difficult to understand and coaching for the same is done during remedial classes. Evidence of Success: The number of failure students gaining their eligibility has increased. Problem Encountered and Resources Required: The department does not face any problem as such to identify those students. It increases the more number of teaching hours and lot of effort has to be put by faculty members. Title of the Practice: Technical Training for the students To provide learner centric skill oriented training and to improve the employability skill of students training programs are organised by the department. Objective of the practice: To facilitate the students as well as faculty and to keep pace with the technologies to the chosen field of study, training programs are organised by the department. Practice: Industrial visits are arranged and industrial experts or inhouse subject experts are invited to deliver and train the students in the chosen technical field. The Context: Beyond curriculum and to strengthen the knowledge of each students, the subject experts from the industry are invited to give training in the specified field. Also the faculty expert in the specified field will train the students as per requirement. Evidence of Success: The number of students who are looking for job in specific training fields have increased , few of them have got success in that. Problem Encountered and Resources

Required: Identifying the subject experts and their availability at the specified time is core difficulty in organising the training programs. Title of the Practice : Adaptation of new methodologies to improve Teaching Learning Process Objective of the practice: i. To ensure the completion of syllabus as per the calendar of events of university also encourage the faculty members to adapt ICT . ii. Train and motivate to improve the pass percentage and also aim for bagging university ranks. The Context: The prerequisite for each subjects to be taught before start of each course and hence the Syllabus coverage at the initial stage requires more class hours then as specified by University Curriculum and later syllabus completion will be hurried need to be avoided so that the students get enough time to comprehend the topic and to augment the topics. The faculty find it difficult to keep pace with the understanding level of students using chalk and talk method. Practice: Academic planners are prepared . The coverage of syllabus of every individual faculty members are monitored by the heads of the department as well as by the Head of the institution . The pace of coverage of syllabus and other academic related issues are discussed and solved at the academic review meeting which held at the time of every internal assessment. Evidence of Success: Many faculty members have adopted ICT in their classes to cover the syllabus. This methodology ensures timely completion of each subjects at appropriate pace. Slighter improvement of results in few subjects is observed. Problem Encountered and Resources Required: Increase in the demand for ICT resources. Development of power point presentation in teaching, particularly in mathematic subjects requires extensive use mathematical notations.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.rrit.ac.in/images/pdf/best%20practices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Over a decade the institute has initiated a lot of positive changes towards the achievement of Vision and Mission with the support of management, teachers, staff and students. A lot of improvements have been evidently taken place. Few to mention are: Teaching Learning Process: 1. The technical knowledge of the students are improved by organizing workshops/Technical talk and seminar. 2. Promoted the transformation of students as responsible citizens, competent professionals by teaching them ethical principles and practices to make them as valuable resource for work environment. 3. Created an ambiance and nurture conducive environment to upgrade the knowledge of faculty by conducting Faculty Development Programmes and disseminate the same to students on a sustainable long term basis. 4. Signed more number of MOU with industries and for effective interaction with the industries. 5. A high quality of academic excellence can provide value-added experience for the students. The Positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching-learning methods blended with ethical values. 6. Proctor system is followed for student's progress in academics. It outlines the commitment to academic performance expected of all students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. Research: 1. The institute has many faculties who have registered for the doctoral programmer. There has been a Increase in enrolment number. 2. The management funds for the student's research projects. 3. There has been an increase in the number of conferences attended, papers presented and published by the faculties. Extension activities: 1. The institute organizes and motivates students to take part in various societal focused extension activities. 2. To bring awareness

among health, environmental, address the extension activities have been extended from the institutional and also the location's help Perspective 3. Clean and neat environment maintained in campus

Provide the weblink of the institution

<https://www.rrit.ac.in/about-rrit.php>

8.Future Plans of Actions for Next Academic Year

8. Future Plans of action for next academic year (500 words) Continuing the process to strive for excellence, the Academic Calendar would be prepared, as per the Calendar of the Affiliating University . More number of activities such as Guest lectures, industrial visits , Student development programmes will be scheduled to bridge the gap between classroom teaching and industrial requirements. Also, by keeping stress level of students in mind, activities such as Yoga class, Social Outreach programmes, health awareness programme , blood donation camp , plantation drives , environment awareness programmes would be planned. To bring out the students potential, annual cultural programmes, sports day , graduation day and alumni day would be planned to conduct. Apart from the regular activities the institute is planned to do few activity in the next academic year. 1. Conduct seminars, symposium and conferences in all the disciplines at National/International level 2. State Level project Exhibition to showcase the students' talent in technical field. 3. Setting up Students chapter in the college 4. RRIT has Local Chapter for NPTEL Courses 5. As Continuous process Inculcate the research culture to increase the number of publications. 6. Increase in number of industrial visits and Student Development Programmes to inculcate industry practice in students. 7. Increase in Pre-placement activity to increase placement of the college. 8. Effective involvement of Alumni in various College Activities.